



Form PTO-1449  
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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 520.32696CC8  
Serial No. 10/772,376  
Applicant: I. ARAI, et al  
Filing Date: February 6, 2004  
Group: 2111

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
RP	4,159,480	6/79	Tachi		
RP	4,342,029	7/82	Hofmanis et al		
RP	5,670,969	9/97	Yamagami		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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RAYMOND PHAN

Date Considered

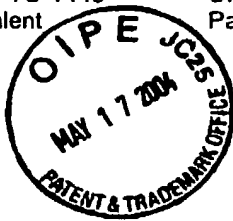
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RP ↓ RP	5,262,759	11/93	Moriconi et al		
	5,546,098	8/96	Moriconi		
	6,300,921 B1	10/01	Moriconi et al		
	6,590,547 B2	7/03	Moriconi et al		

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	6,012,103	1/00	Sartore et al		
	5,948,091	9/99	Kerigan et al		
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	4,177,462	12/79	Chung et al		
	4,169,262	9/79	Schwartz et al		
	4,159,279	3/79	Tachi		
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	4,007,443	2/77	Bromberg et al		

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